

Everett's Water Situation FACT SHEET



Everett Public Works Department everettwa.gov/water

As of 6/15/20

Source of water & location	Sultan River Watershed, Spada Lake Reservoir on west slope of Cascade Mountain Range, Culmback Dam is 24 miles east of Everett.
Population served	About 640,000; 75% of Snohomish County
Water storage	Spada Reservoir held back by Culmback Dam on the Sultan River and Chaplain Reservoir west of Spada Reservoir
Storage capacity (full)	Spada Reservoir: 153,000 acre-feet (ac-ft); 50 billion gallons (BG) Chaplain Reservoir: 16,000 ac-ft; 5.2 BG
Elevation (full)	Spada Reservoir: 1450 overflow; Chaplain Reservoir: 650 overflow
Water usage	Annual average in 2019: 53 million gallons per day (MGD) Early 2020 usage about 4% higher than past 5-year average
Fish flows below power house	Year around minimum 300 cubic feet per second (cfs) = 194 MGD Outflow is above normal: 1400 cfs below the Power House
How long will present storage last?	Spada Reservoir: about six (6) months for water supply and fish flows without any precipitation or inflow. Chaplain Reservoir: about four (4) months for water supply. TOTAL: Ten (10) months water supply in storage
Present situation	Spada Reservoir at elevation 1448.0 = 149,500 ac-ft = 48.7 BG . This is 106% of normal storage for this time of year. Chaplain Reservoir at elevation 648.8 = 15,700 ac-ft = 5.1 BG TOTAL: 53.8 BG storage
Precipitation	Annual average is 162 inches at Culmback Dam. Annual amount for 2019 = 121.51 inches (75% of normal) July 1, 2019 through June 15, 2020 = 176.94 inches (112% of normal for past 11 ½ months)
Reservoir inflows	Normal for this time of year
Snowpack	Normal, for this time of year. Almost gone.
Forecast	90-day outlook: above normal temperature and below normal precipitation
Water supply outlook	Very Good. The projection is that there will be adequate water supply through the rest of 2020 and into 2021.